

Title (en)

Polyamide molding material, production method and molded articles prepared from the polyamide molding material, and their use as conduits for such motor vehicles parts, which are in contact with the exhaust gases

Title (de)

Polyamid-Formmasse, Herstellungsverfahren und danach hergestellte Formkörper aus der Polyamid-Formmasse, sowie deren Verwendung als Leitungen, die bei Motorfahrzeugen mit Abgasen in Kontakt kommen

Title (fr)

Matière à mouler en polyamide, procédé de fabrication des articles moulés préparé à partir de la matière à mouler en polyamide, et leurs` utilisation comme conduites pour véhicules à moteur en contact avec les gaz d`échappement

Publication

EP 2687554 B1 20181024 (DE)

Application

EP 13169469 A 20130528

Priority

CH 10932012 A 20120718

Abstract (en)

[origin: EP2687554A1] Polyamide molding composition comprises: (a) 45-97.9 wt.% a copolyamide, comprising (a1) at least one diamine comprising 1,6-hexane diamine, nonanediamine, and 1,10-decanediamine, (a2) terephthalic acid, and (a3) at least one additional polyamide-forming monomer comprising dicarboxylic acid having 8-18C, lactam having 6-12C, and/or amino acid having 6-12C carbon atoms; (b) 2-10 wt.% of at least one impact modifier; (c) 0.1-10 wt.% at least one viscosity modifier; and (d) 0-35 wt.% additives and/or additional substance. The total amount of the components (a)-(d) is 100 wt.%. An independent claim is also included for producing moldings, preferably pipes and tubes made of polyamide molding composition, comprising extrusion blow-molding the polyamide molding composition.

IPC 8 full level

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CPC (source: CN EP KR)

C08G 69/02 (2013.01 - EP); **C08J 5/00** (2013.01 - KR); **C08L 23/00** (2013.01 - KR); **C08L 77/02** (2013.01 - EP); **C08L 77/06** (2013.01 - CN EP KR); **C08L 77/10** (2013.01 - KR); **F02M 35/10321** (2013.01 - EP); **F02M 35/10347** (2013.01 - EP); **C08L 2203/18** (2013.01 - CN); **C08L 2205/035** (2013.01 - CN); **F02M 35/10222** (2013.01 - EP)

Cited by

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